

Message

From: Anderson, RobinM [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=77F1A647B05C440D9D752D1EA01E8188-ANDERSON, ROBINM]
Sent: 8/5/2021 1:25:20 AM
To: Fonseca, Silvina [Fonseca.Silvina@epa.gov]
Subject: Close hold
Attachments: fed fac Oak Ridge cheat sheet 8.4.21.docx

Importance: High

I think that this data may be included in our (OSRTI comments) in the paper that I already sent you.

Do not share this one.

From: Walker, Stuart <Walker.Stuart@epa.gov>
Sent: Wednesday, August 4, 2021 12:08 AM
To: Openchowski, Charles <openchowski.charles@epa.gov>; Anderson, RobinM <Anderson.RobinM@epa.gov>
Subject: draft email - cheat sheet for Oak Ridge risk based discharge limits
Importance: High

I finished the Oak Ridge cheat sheet. I added in the additional 19 radionuclides that DOE had listed in the WAC for the ROD, and 4 more daughter radionuclides that posed more risk than one of the 19 parents. Below is a draft email I would send to Carlton/Barry.

Hello Carlton and Barry,

Per your request from our discussion on July 30, I am attaching a cheat sheet on the Oak Ridge risk assessment regarding discharge limits into Bear Creek. I have broken the cheat sheet into 2 parts:

1. **Issues with DOE Discharge Limits in 2021 FS Appendix K** – explains how DOE came up with proposed discharge limits in the Focused FS and why their approach is incorrect for complying with the Clean Water Act's Water Quality-Based Effluent Levels (WQBELs) as an ARAR at Bear Creek.
2. **Instructions for DOE** – provides an explanation on how DOE should develop WBELs and discharge limits for Bear Creek.
 - a. **Approach** - Describes the general procedure DOE should be taking.
 - b. **Methods** – Describes the input parameters DOE should be using when running the EPA PRG calculator when developing WBELs.
 - c. **Results** – Provides a table of WQBEL and discharge limits I developed using the CWA methodology with the EPA PRG calculator. The table assumes that DOE does not conduct a fish consumption study to support revising the default fish consumption rate with site-specific information.

Please let me know if you have any comments or questions.